



US Army Corps of Engineers

Louisville District
www.lrl.usace.army.mil

#### Louisville Engineer District Overview

Regional Construction Roundtable

Nashville, Tennessee 30-31 October 2002









**TENN** 



### Civil Works Program ....navigation

Graving Yard, Olmsted Locks & Dam

**McAlpine Locks** 



J.T. Myers 600' Lock Extension









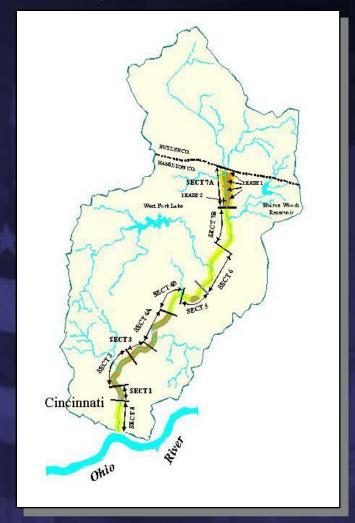
Pond Creek Watershed, KY







Mill Creek, Ohio Watershed



#### **Civil Works Program.....flood control**



## Civil Works Program... ...environmental





Wetland Prairie Restoration Project Caesar Creek Lake, Ohio



#### Civil Works... ...Ohio River Ecosystem Restoration Program

- Authorized in Water Resources Development Act of 2000
- \$307 million program
- Projects to be implemented along 981 miles of Ohio River
- To begin after appropriation of Federal funds





Restoration and protection of wetlands

**Typical Projects** 







### Civil Works Program ....waterfront development



Indianapolis Central Waterfront
- White River & Canal

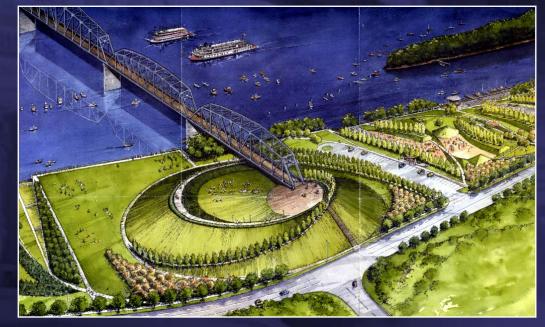




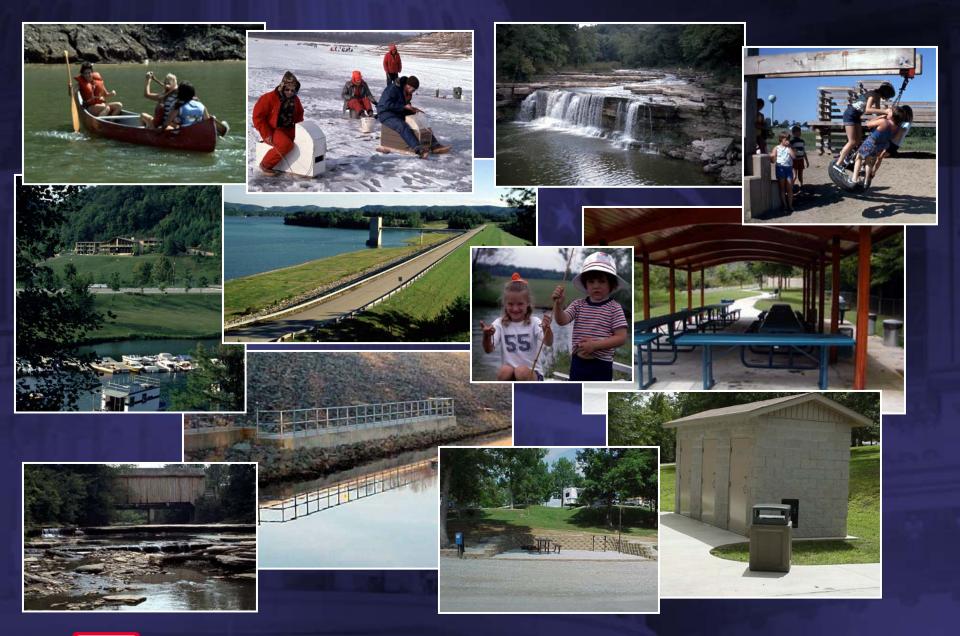
# Civil Works Program ....waterfront development

Ohio River Greenway

Louisville Waterfront Park















Gatelifter Crane... at Cannelton Locks & Dam



Caesar Creek Lake...Fishing Platform

Civil Works
Program...O & M





Rushville, IN





Green River Headwaters, KY

### Civil Works Programs ....Continuing Authorities

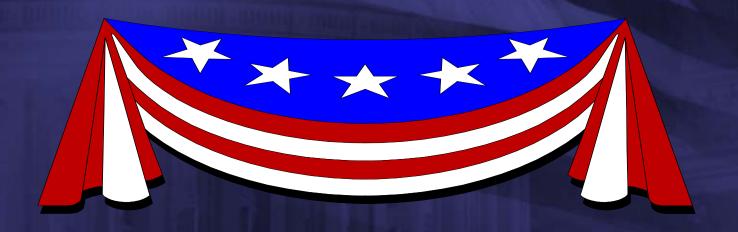


Whitesburg, KY



#### **Continuing Authority Program...**

Congress Has Provided the Corps with Standing Authorities to Study and Build Specific Water Resource Projects for Specific Purposes and with Specified Federal Spending Limits.





### Features of the Continuing Authority Program . . .

- No Congressional authorization needed
  - Projects can be done more quickly
  - Construction funds are committed once projects are approved
- Costs of projects are shared between federal and local
  - Local cost share percentage varies from 25% to 50%
  - Sponsor provides real estate as part of local share
- Projects must meet economic feasibility requirements



#### **Continuing Authorities Program...**

Flood Control Projects Section 205

Purpose: Provides communities protection from flooding



Rushville, Indiana



#### Continuing Authorities Program . . . Emergency Stream Bank Protection, Section 14

Purpose: To Protect publicly used facilities, road, bridge, school, or utility from erosion caused by a river, lake, or stream.





#### Continuing Authorities Program . . . Project Modifications for Improvement of the Environment, Section 1135

Purpose: Restoration of degraded ecosystems through modifications of Corps structures & operations of Corps structures.







### Continuing Authorities Program . . . Aquatic Ecosystem Restoration Section 206

Purpose: To implement Aquatic Ecosystem Restoration Projects which will improve the environment, are in the public interest, and are cost effective.



Bear Grass Creek, Louisville, Ky.



### Continuing Authorities Program . . . Clearing and Snagging Projects, Section 208

Purpose: Channel Clearing & Excavation





#### Civil Works Authorities Planning Assistance to States Section 22...

Purpose: To assist States (and local communities) in the planning for the development, utilization, and conservation of water and related land resources. Recent amendments have expanded this assistance to ecosystem planning.

**Union County, Ky.** 





#### **Military** Program

10 Army 4 Air Force 6 BRAC 3 DOD





#### Military Program ...Barracks



DISCOM Brigade Barracks, Fort Campbell, Kentucky





3rd Brigade Barracks, Fort Campbell, Kentucky



### Military Program .....Family Housing

Gardner Hills, Fort Campbell, Kentucky





Werner Park, Fort Campbell, Kentucky



#### Military Program....Maintenance Facilities



Vehicle Maintenance Shop, Fort Campbell, Kentucky

Vehicle Maintenance Facility and Hardstand, Fort Campbell, Kentucky



### Military Program... Administrative Facilities

Acquisition Management Complex Phase IV-A, Wright-Patterson AFB, Ohio





WW II Wood Barracks, Fort Knox, Kentucky



Education Center, Fort Campbell, Kentucky



# CS 684

Railroad Connector, Fort Campbell, Kentucky



West Ramp, Wright-Patterson AFB, Ohio

#### Military Program... Mobilization



Rail Marshalling Yard Fort Campbell, Kentucky





#### Military Program....Training/Ranges



Military Operations on Urban Terrain, Fort Campbell, Kentucky & Fort Knox, Kentucky



### Military Program ....Quality of Life





New Gym, Wright-Patterson AFB, Ohio



#### Fort Future



#### **ENGLINK**

New Doctrine -No ad hoc solutions
Tele-engineering

Research and Development

Joint Virtual Battlespace

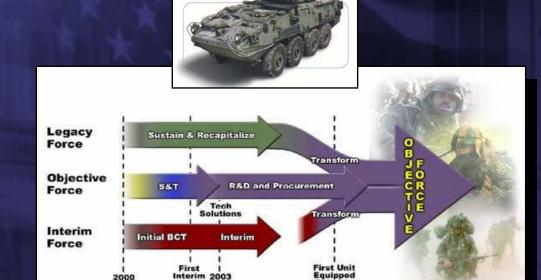
Modeling & Simulation

**Infrastructure Support** 

Programmatic EIS

Training Range Design & Construction

### Military Program ....Army Transformation







### Military Program ....Force Protection



### Military Program.... Installation Support

Soldiers Chapel, Fort Campbell, Kentucky



Central Energy Plant Upgrade, Fort Campbell, Kentucky





### Military Program ....Reserve Components



USARC, Fort Knox, Kentucky

Marine Corps Reserve Center, Grissom ARB, Indiana



#### **Reserve Component** "Pride Builder"



Before/after ... U.S. Army Reserves, Sioux City, lowa



U.S. Army Reserves, Hastings, Nebraska

#### **Programs**

**Facility Revitalization Professional Services** Facility Reduction (env) Rifle Range 88th RSC M&R **Furniture** 





### Military Program ....Formerly Used Defense Sites



Unexploded Ordnance, Erie Army Depot, Ohio



Kincheloe, Ml...well house and portable filtration system



Mustard Agent, Cleveland Plant, Ohio





#### Military Program....Base Realignment and Closure Environmental Remediation



Landfill, Fort Benjamin Harrison, Indiana



### Military Program ....Installation Restoration Program

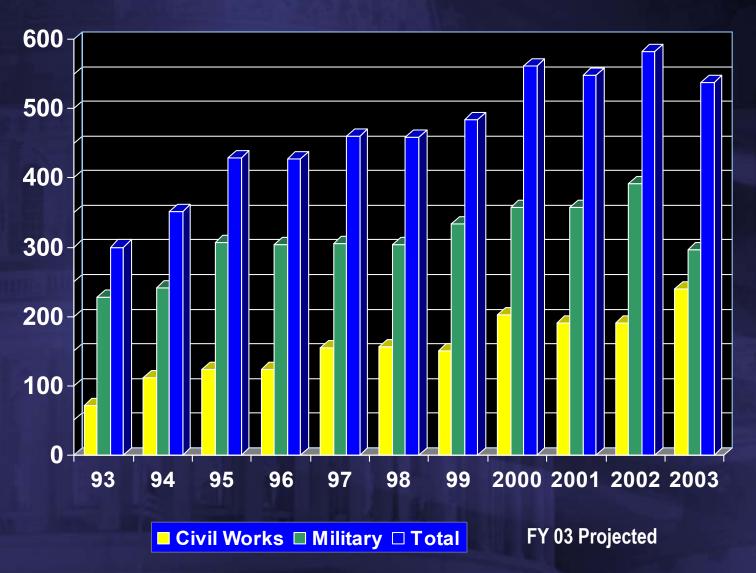


Bioremediation Composting at Joliet AAP, Illinois





#### **Program Expenditures**





# Civil Works Funding FY 02 Program Total Program = \$180M

Operations & Maintenance \$61.3M 34%

Support for Others \$15.0M 8%



Holes Creek, Ohio

### **McAlpine Locks**

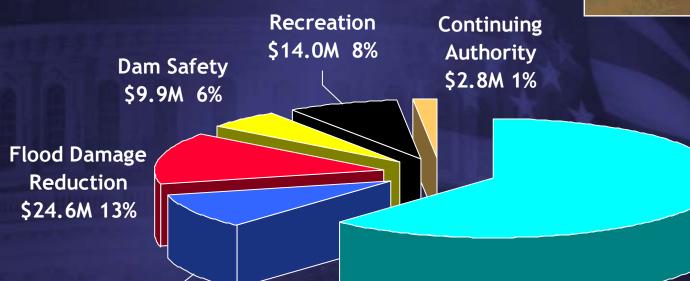


General Investigations \$3.1M 2%

Construction
General
\$100.6M 56%



## Civil Works Business Functions FY 02 Program Total Program = \$180 M





Olmsted Locks & Dam

Navigation \$111.0M 62%



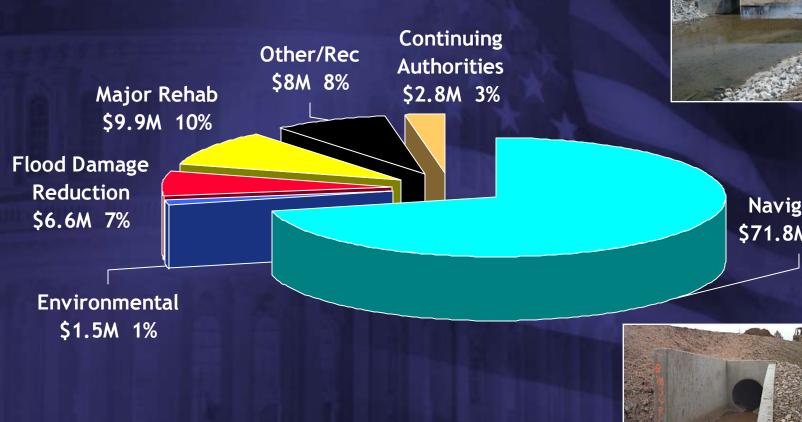




**Environmental** 

\$17.7M 10%

## FY 2002 Construction General / Inland Waterways Trust Fund -\$100.6M



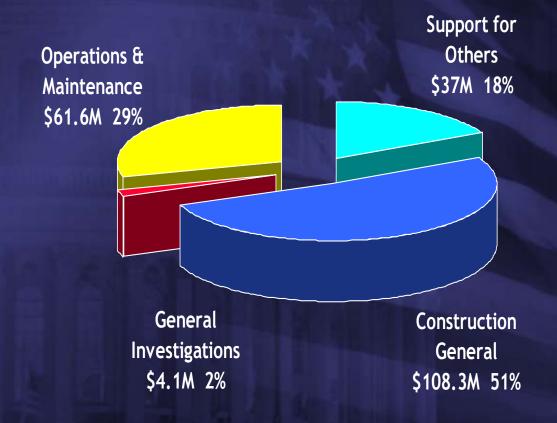




**Navigation** \$71.8M 71%

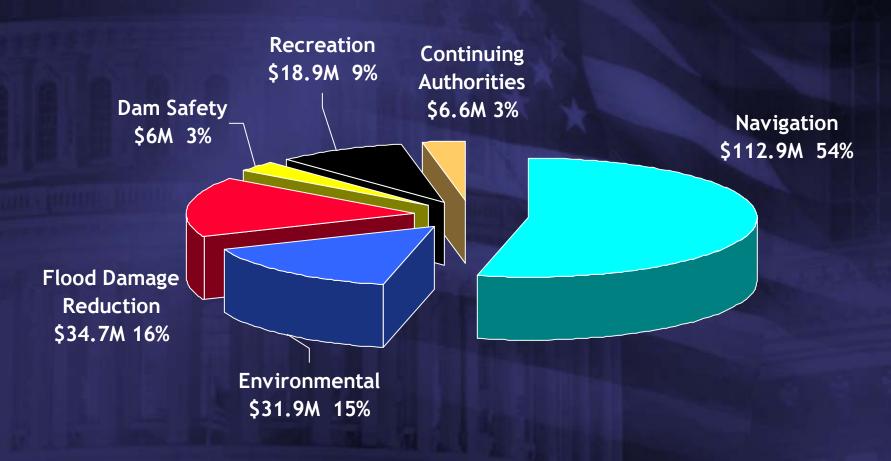


## Civil Works Funding FY 03 Program Total Program = \$211M



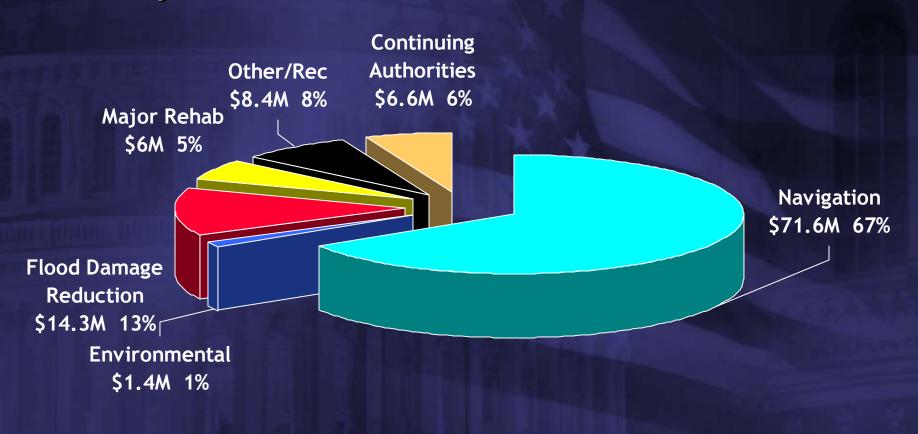


## Civil Works Business Functions FY 03 Program Total Program = \$211M





## FY 2003 Construction General / Inland Waterways Trust Fund -\$108.3M







Ecosystem Restoration



Lock 10, Kentucky River

# **Contract Opportunities FY '03**

...Planning and Design Services

2 <sup>nd</sup> Quarter	
Indy North Environmental Mitigation	<\$100k
J.T. Myers Locks Improvements	<\$100k
S & E E KY Env Infrastructure	\$1M-\$5M
3 <sup>rd</sup> Quarter	
Louisville Waterfront Design	\$100k=\$500k
Metro Louisville Ecosystem Restoration	<\$100k
Metro Louisville Mill Creek FDP	\$150k
Madison, IN Waterfront	\$150k
Columbus, IN Waterfront	\$50k
Cincinnati, OH Waterfront	\$150k
Mill Creek, OH GRR FDR	\$400k



## **Contract Opportunities FY '03**

1st Quarter

2 <sup>nd</sup>	Qua	arter
-----------------	-----	-------

Indy Waterfront Recreation	\$5M-\$10M

#### 3<sup>rd</sup> Quarter

<\$2M Ohio River Greenway Road and Trails

<\$5M Beargrass Creek Phase IIA

#### 4th Quarter

Pond Creek Phase IV <\$3M

Holes Creek



Duck Creek, OH

4th Quarter

2<sup>nd</sup> Quarter

Covington, KY Streambank Protection <\$100K <\$100K

Lower Beargrass Ck, Louisville, KY

**Small Project Construction** 

**Ecosystem Restoration** 

College Corners, OH, FDR

Harrisburg, IL – FDR

Shelby Co., KY,PAS

<\$100K

<\$100K

\$100 - \$500K



Indy Central, Indianapolis, Indiana

<\$3M



# FY 2002 Military Program \$350M



Army Reserve

Army 38% \$134M

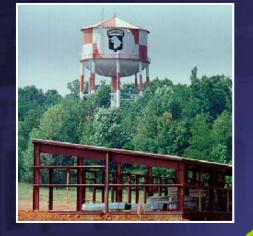






FY 2003 Military Program

\$147M



Air Force DoD 16% \$24M \ 7% \$10M

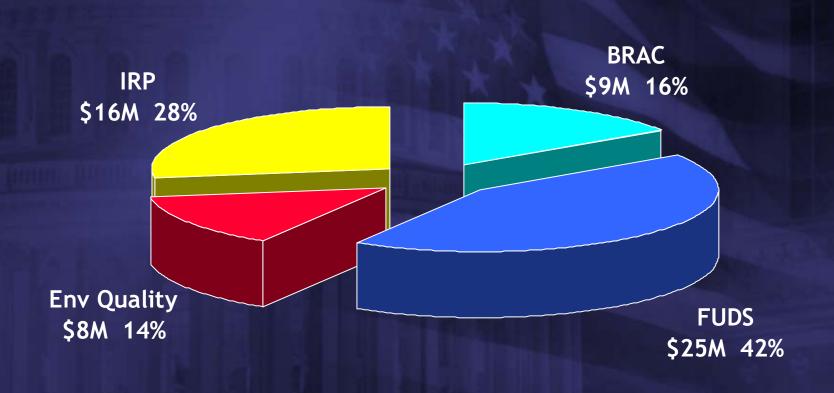


Army Reserve 33% \$49M

Army 44% \$65M

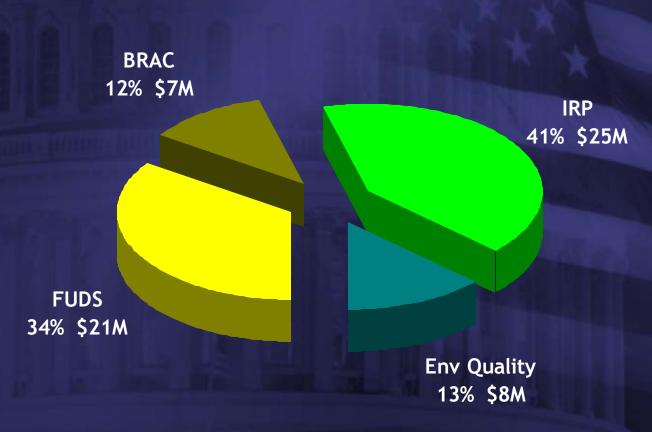


## FY 2002 Military Environmental Program \$58M

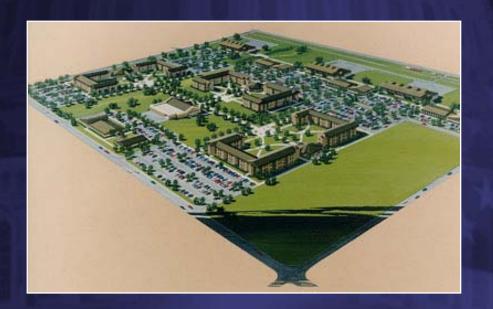




# FY 2003 Military Environmental Program \$61M







## Military Work Construction...

## **Fort Campbell**

SOF Weather OPS Facility \$1-5M ECIP Digital Controls Barracks \$1-5M CSG Barracks Ph 1 & 2 \$20M

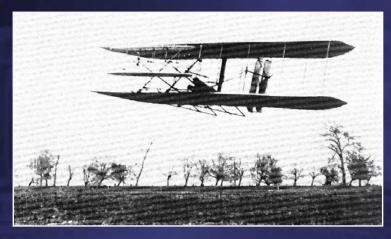
### **Fort Knox**

Access Control \$1-5M
Cantonment Fence \$1-5M
Child Development Center\* \$5-10M

\* Design/Build



# Military Work Air Force



## Wright-Patterson AFB Construction.....

Small Arms Range Impv MFH Ph I Pine Estates

\$5-10M \$10-20M



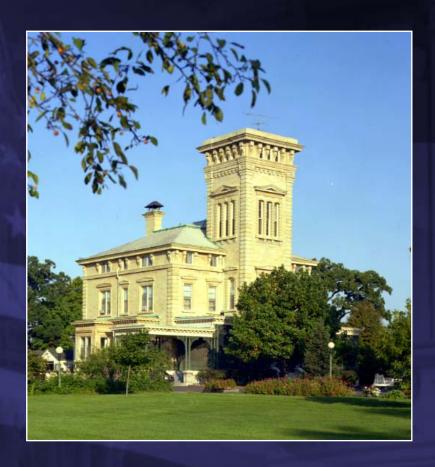


## Military Work

Defense Supply Center Columbus Construction...

Physical Fitness Center \$5-10M

Bluegrass Army Depot
Construction.....
Class Yard Expansion \$5-10M





## Contracting Goals...



Housing at Ft. Knox



Olmsted Locks & Dam

## **Small Business...**

Women Owned Busines	s (WOB)5.4%
HUB Zone	3.0%
Small Disadvantaged Bu	usiness (SDB)-16.1%
Total Small Business (S	B)41.9%
Small Business Set-Asia	de (SB-SA)10.0%
Service Disabled Vetera	n-Owned3.0%

### A/E...

Civil----- 40% Military/Environmental ---- 75%



## FY 2003 Small Business Program Civil Program

	THE STATE OF THE S	Project	Program	Award	Type of Award	
Project Name	Location	Type	Amount	Forcast	Projected	
Beargrass Creek, Wetlands and Riparian Restoration	Louisville, KY	С	В	3rd Qtr	Full & Open	
Chapman Lake Wetlands Restoration	Bloomington, IN	С	A	4th Qtr	SBSA	
Indianapolis Central - West Bank #2 - NY St. to 10 St Recreation	Indianapolis, IN	С	С	2nd Qtr	Full & Open	
Mill Creek - Section 3 - Channel Work and Plantings	Hamilton County, OH	С	С	1st Qtr	SBSA	
Olmsted - Dam	Olmsted, IL	С	В	3rd Qtr	Full & Open	
Kentucky Peninsula	Henderson, KY	С	В	3rd Qtr	SBSA	
McAlpine Scheduler	Louisville, KY	S	Α	1st Qtr	SBSA	
McAlpine QA Testing	Louisville, KY	S	А	1st Qtr	Full & Open	
Indianapolis North-White River Parkway Environmental Mitigation	Indianapolis, IN	С	А	1st Qtr	SBSA	
Pond Creek - Channel Improvements, Phase IV	Louisville, KY	С	В	3rd Qtr	Full & Open	
Carr Creek Lake - Rip Rap	Carr Creek, KY	С	В	TBD	TBD	
Duck Creek - Phase IIA	Hamilton County, OH	С	А	TBD	TBD	
Beargrass Creek - Phase II(A) Richard Fountain Square	Louisville, KY	С	В	3rd Qtr	Full & Open	
Kentucky River L&D #10 Renovate & Stabilize (Near Term)	Ft. Boonesborough, KY	С	В	4th Qtr	Full & Open	
Ohio River Greenway - Clarksville Lewis & Clark	Clarksville, IN	С	С	3rd Qtr	Full & Open	
Holes Creek Restoration	West Carrollton, OH	С	В	2nd Qtr	TBD	
JT Myers - Locks Improvements Project	Mt. Vernon, IN	D	A	2nd Qtr	SBSA	
Replace Lighting on Lock	Newburgh L&D	С	В	TBD	SBSA	
Provide High Mast Lighting	Markland L&D	С	В	TBD	SBSA	
Dry Dock Maneuver Boat & Retube Boiler	L&D 52 & 53	C	A	TBD	SBSA	
Repair Bridge Protection & Mooring Cells	Portland Canal, Lou., KY	С	В	TBD	SBSA	
Remote Latching Devices for Miter Gates	Newburgh L&D	С	Α	TBD	SBSA	
Kentucky Peninsula Stabilization	Ohio River	С	В	TBD	SBSA	
LEGEND - PROGRAM AMOUNT:	PROJECT TYPE:		TYPE OF AWARD PROJECTED:			
A \$100,000 to \$500,000	C - Construction					
B \$500,001 to \$1,000,000	D - Design		SBSA - Small Business Set-Aside			
C \$1,000.001 to \$5,000,000	S - Service		TBD -To Be Determined			
D \$5,000,001 to \$10,000,000	TBD-To Be Determined					
E Over \$10,000,000						



## FY 2003 Small Business Program Military Program

	CONTRACTOR AND ADDRESS OF THE PARTY OF THE P	PROJECT	DDOODAM	AWARD
PROJECT NAME	LOCATION	TYPE	PROGRAM AMOUNT	FORECAST
PHYSICAL FITNESS CENTER	DSCC, OH	C	D	2nd Qtr
CSG BARRACKS, PHASE I	FT CAMPBELL, KY	D/B	E	3rd Qtr
ECIP DIGITAL CONTROLS BARRACKS	FT CAMPBELL, KY	С	C	4th Qtr
	·			
SOF WEATHER OPS FACILITY	FT CAMPBELL, KY	C	С	3rd Qtr
ACCESS CONTROL	FT KNOX, KY	С	С	3rd Qtr
CANTONMENT FENCING	FT KNOX, KY	С	С	4th Qtr
SCHOOL AGE CHILD DEVELOPMENT CENTER	FT KNOX, KY	D/B	D	3rd Qtr
FULLY CONTAINED SMALL ARMS RANGE	WRIGHT-PATT AFB, OH	D/B	D	2nd Qtr
IMPV MFH PHASE I PINE EST	WRIGHT-PATT AFB, OH	D/B	E	2nd Qtr
ADD/ALT USARC	FT BRAGG. NC	С	С	1st Qtr
BN DINNING FACILITY	FT McCOY, WI	D/B	D	1st Qtr
USARC/OMS/AMSA	FT STORY, VA	С	Е	2nd Qtr
USARC/OMS/DSGS	GRAND PRARIE, TX	С	D	3rd Qtr
USARC/OMS STORAGE	LINCOLN, NE	С	D	1st Qtr
ADAL USARC	OSWEGO, NY	С	D	2nd Qtr
USARC/OMS/MARINE MARE ISLAND	VALLEJO, CA	С	D	2nd Qtr
LEGEND - PROGRAM AMOUNT:	PROJECT TYPE:			
A \$100,000 TO \$500,000	C - CONSTRUCTION			
B \$500,001 TO \$1,000,000	D/B - DESIGN/BUILD		A PROPERTY.	- Carlotte - 1856 -
C \$1,000,001 TO \$5,000,000		1000		W - W
D \$5,000,001 TO \$10,000,000				
E OVER \$10,000,000		The second		









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Contracting

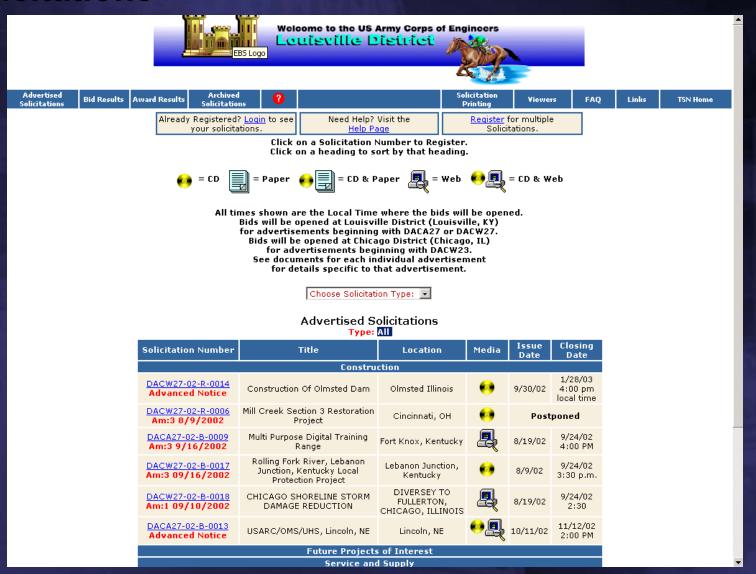
Solicitations or LRD IDIQ



www.fedbizopps.gov

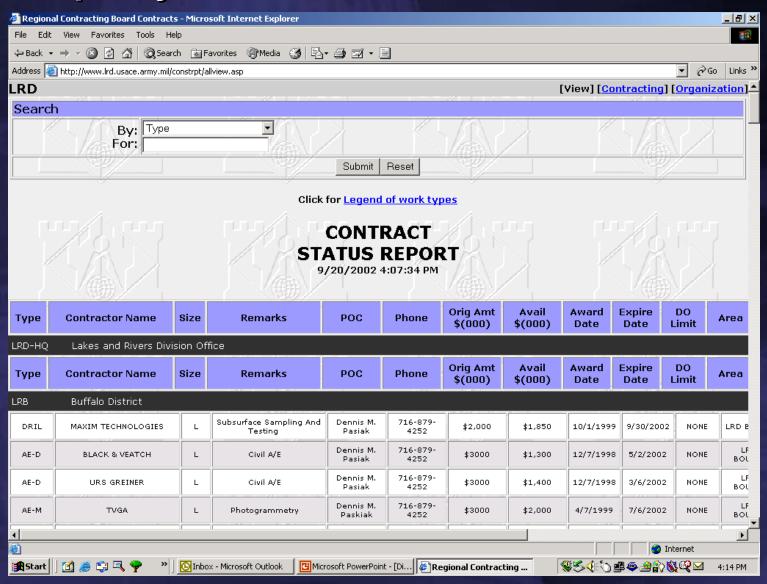


## **Solicitations**





## ID/IQ Capacity in LRD





Safety

Design Build TRENDS

PMBP ISO

Reserve Component Installation Support

Small Business

Funding

Homeland Security

Construction Management Services

Congressional Adds

Force Protection Indefinite Delivery Contracts

Request for Proposal

Planning/ Professional Services

